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7/20/02

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RAW SEQUENCE LISTING

DATE: 05/13/2002

PATENT APPLICATION: US/09/899,718A

TIME: 16:39:22

Input Set : A:\00063545.txt

Output Set: N:\CRF3\05132002\I899718A.raw

3 <110> APPLICANT: Aventis CropScience GmbH
 5 <120> TITLE OF INVENTION: Promotor for gene expression in caryopses of plants
 7 <130> FILE REFERENCE: 514413-3886
 9 <140> CURRENT APPLICATION NUMBER: 09/899,718A
 C--> 10 <141> CURRENT FILING DATE: 2002-04-29
 12 <150> PRIOR APPLICATION NUMBER: DE 100 41 861.9
 13 <151> PRIOR FILING DATE: 2000-08-26
 15 <150> PRIOR APPLICATION NUMBER: DE 100 32 379.0
 16 <151> PRIOR FILING DATE: 2000-07-06
 18 <160> NUMBER OF SEQ ID NOS: 11
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 3785
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Triticum aestivum
 27 <400> SEQUENCE: 1

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32	tgtttcatgt tttatttcat tttctttact ttttagggta aaaccaatgc cccaattca	180
34	ttctacctaa gaggaattc agttttatata tagtttcagt tttattattg tttattaagt	240
36	gtttttagtt ggttttctca tttatgtgta tgcatagaata ttaggggtgt gtgtgcgtgt	300
38	gttaatatata acataagtat tatacaccca tttttgcagt cataaaatta tgcaatttca	360
40	gtacaaattg tgcgcaaact cttcttcatt ttttattttt tattttattt tcttctttta	420
42	gggtaatacc aatgatacta atttatgcct catttggaat tttcgttttg aaaattatgc	480
44	tagtacacac ttattcttgt atattatgga aaagcgcaat ttctgtgtaa gttttgtcat	540
46	tctgtatttt ttttcatttt tctttcttct ggaagggtaa cactaatgcc actaattcat	600
48	tcttgcttag aaaactttag tattttgatt gtgttttagt ttttatttca ttttgtttct	660
50	tctttaaggg aaataccaat gccactaatc cattccatct tagaaaatct ctttatctta	720
52	caaaaactca actttttatat gcttattcgt gcatattata aaaagcacag tttctatcta	780
54	aattgcgtgc aaactttatc attatttgtc taaattaatt ttttctagaa tgatgatacc	840
56	aatgccacta attcattccg tgagcacgca atatgcggaa tgcctacgta tattagtgg	900
58	gtcgcatttt tcatctctca cgcattggca tgcataccct acacatgcac acacacgcat	960
60	acacaacaca tgagcactca cgcgagcaca tgcatacacc tgtgcgcaca cacacgacac	1020
62	cgacacacac gcacagccac atgcgtgcac ttagaaagaa aaaatagaca cgtatacatt	1080
64	ggactggcta gctatactac cgtgtaacac tagtacgttg gtgttgtagc acctattttc	1140
66	aggtgccaca gactagtatt ttcaggcgac tgggatatag ccacggccta ttgtttcgtg	1200
68	tctgtaggacg aaaacggtca tatatgtggc actggccttc tagagactct ccaagaggct	1260
70	caccacctca ccgtgagtga cagcccaccg tcgcgtaaac caccgcattt acgtttcccc	1320
72	gatccgacaa agccagggca cgcacgtacg tgtccatggt ggcacgtgcg tgcgtccctc	1380
74	acgcgccggt ttggcagcac gtacgtgcta gctgttcata ccagagccgt acgtcaatca	1440
76	agcaaaaagag aaaaagaagg ggcgaaagggt gatacgcccc gccgtgtcgt cgtgctgcag	1500
78	aggaagcaat cccgggccat gcagcgccat tgccacgccc cagcgaaaag cgaaggcgag	1560
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88 caggetgcca gccgtccgc ggtaccacta gtctcgtacg tgtgccactc cactccgctc 1860
90 cgctcggcac gcacgcacgc aggcagaaac aaacaaacaa acaaaaaagt gggtcattca 1920
92 ctccactcaa cgtcgccttt caggacgatg ctctcgggtgc ttaagacacc tacctttgtg 1980
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146 aggcacaacg tcaccgggtc atggtcatct ccccgcgta cgaccagtac aaggacgcct 3600
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150 ctctgcaca tttctgcaag actttactga ctggctggat ctgcagatc aaggtcgttg 3720
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157 <210> SEQ ID NO: 2

158 <211> LENGTH: 29

159 <212> TYPE: DNA

160 <213> ORGANISM: Artificial Sequence

162 <220> FEATURE:

163 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
caryopsis-specific promoter

165 <400> SEQUENCE: 2

166 cagcgaagc gcgtcggcc agccacgac 29

169 <210> SEQ ID NO: 3

170 <211> LENGTH: 21

171 <212> TYPE: DNA

172 <213> ORGANISM: Artificial Sequence

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174 <220> FEATURE:
175 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
caryopsis-specific promoter
177 <400> SEQUENCE: 3
178 agaaacaaac aaacaaacaa a                                21
181 <210> SEQ ID NO: 4
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183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
caryopsis-specific promoter
189 <400> SEQUENCE: 4
190 cctttcagga cgatgcttcg gtgccttaag acacctacct ttgtgtctat gacatgtgag      60
192 cccaacagtg gc                                              72
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196 <211> LENGTH: 26
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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207 <210> SEQ ID NO: 6
208 <211> LENGTH: 12
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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220 <211> LENGTH: 24
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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227 <400> SEQUENCE: 7
228 tcagccagtt ccaccccgtg cacg                                24
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232 <211> LENGTH: 18
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: sequence element of a nucleic acid molecule with a
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239 <400> SEQUENCE: 8
240 atactctggt catgttaa                                18
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 20

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245 <212> TYPE: DNA

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248 <220> FEATURE:

249 <223> OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics GmbH,

250 Manheim, Germany

252 <400> SEQUENCE: 9

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256 <210> SEQ ID NO: 10

257 <211> LENGTH: 20

258 <212> TYPE: DNA

259 <213> ORGANISM: Artificial Sequence

261 <220> FEATURE:

262 <223> OTHER INFORMATION: primer used in PCR reaction, obtained from Roche Diagnostics GmbH,

263 Manheim, Germany

266 <400> SEQUENCE: 10

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270 <210> SEQ ID NO: 11

271 <211> LENGTH: 13

272 <212> TYPE: DNA

273 <213> ORGANISM: Triticum aestivum

275 <400> SEQUENCE: 11

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